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**Green House Effect**

The sun beams on the car and makes the car warmer. The car traps the heat inside, while the sun heat adds to the temperature.

7.The yellow stars represent sunlight.

8.The red stars represent infrared.

10. 254k 2f

12. The sun ligh photons travel through the glass

13. The infrared photons disappear behind the glass planes

14. 300k 80f

15.The temperature goes up because the infrared photons are heat

16. When additional glass panes are added the temperature increases

17.When observing the photons heat photons become trapped into the glass pane

18. Earth atmosphere should trap infrared photons/heat. Glass model and the earth aren’t similar. Temperature change might depend on how much sunlight ther is and the time of year it is.

**Part 2**

21.Carbon dioxide is considered by the simulation

22.They represent today’s time period

24. 294k

25. They are similar without glass panes

27. They are similar without glass panes

28. 254k

29.The tempature drops because the sunlight drops

31. 290k 65f

32. The tempature increases because there is more sunlight

33. The tempature increases with clouds 70f

**Part 3**

Greenhouse effect affects the earth in many ways. One way is that carbon doxide traps heat which makes the earth warmer. Carbon doxide also causes high sea levels. The greenhouse effect is similar to blankets on bed because it traps heat and keeps the earth warm like a blanket keeps a person warm. Green house effects are bad towards the earth.